Yi 2
7394
F 8

8

Gout to p 347
Rheumitalgia 347
Tooth Ache — 355
Asthenopeusis 356
Neurosis — 357.
Apoplexy — 372—

periods of life, or diffirent seasons produce both Species. — In the general, the Phlogis= =tic occurs before 40 — the asthenic in the decline of life. The two Species are fur= =ther influenced by ~~habits~~ constitution & by the remote causes. Delicate persons descended from gouty ancestors, & women, are most Subject to the asthenic. The greater the number & the force of the remote causes the greater probability there is of its being asthenic. — Distilled Spirits from their greater ~~in~~stimulus, be more frequent use are more apt to produce asthenic, than Wine — & of the Wines the low & acid ones the more than madeira — or Lisbon — — Hence the frequency of all the cases of asthenic gout that have been mentioned

+ I shall add to this history of the gout three Observations. 1 The ~~Inflamed~~ Gout is generally fatal before 50, when it comes before 25 or 20. 2 An absence of regular fits of the gout where no change is made in the diet, is always to be feared. ~~It~~ It is apt to ~~be~~ lead to Atonic Gout.

among great drinkers, especially Dyspep-
=sia - palsy - & apoplexy. - I have known
the feet
~~it~~ produce phlogistic Gout in a few cases,
but it was in persons who used great
exercise. One of them was an Indian at
Fort Pitt, who cried out with the pain of
it so as to be heard at a great distance. +
- The phlogistic is further distinguished by a tense full pulse.

It remains now ~~only to inquire~~ to
what manner the occasional causes act
so as to excite the disease in habits previously
disposed to it. ~~by what~~ These causes act up:
They act in two ways viz: by the abstraction
of direct Stimuli, or ~~to~~ by the action of indirect
Stimulus. - In both ways debility is induced,
we proceed now to the meth[d] of cure.
and here, Let us inquire" is it a curable
disorder? Dr ~~Sum~~ Sydenham tho't it
was, and he looked forward to posterity for
the discovery of a medicine for that

purpose. That time is not yet come. Many
nostrums have been proposed - but all have
failed - ~~often~~ & covered the names of their authors
with Shame & contempt. I shall have occasion
to mention some of these nostrums hereafter. — I
do not wish to limit human inquiry, but according to our present
the
knowledge of animal economy, it does not seem
probable that a radical cure for the Gout will ever
be found in a medicine of any kind. ~~not even~~
~~in the vegetable~~ But it is not an invariable

~~The cure of the Gout is entirely to be sought~~
~~into the phlogistic & asthenic method by diet~~
~~with the phlebotomic~~ disorder. I believe in
a certain State of it it is a certainly within
the empire of our art as a pneumony, or
an intermitting fever. — The remedies for
it are the total disuse of all the remote
causes which induce it. But who that
has strong inclinations for the pleasures

Bacchus or Venus, de the
~~of the table retrenchments of~~ power of gratifying
them or who that is devoted to the stimulating
pursuits of ambition ever did relinquish any
one much all of them for the benefit of dura-
=ble and perfect health? — If the belief of fear
of future punishment, have not been able to
restrain men from the gratification of their
appetites, it is not to be expected they will
be restrained by the fear or even the re-
=membrance of a fitt of the Gout. —

I speak the more confidently of the
efficacy of temperance - exercise &c in eradi-
-cating the Gout from having heard off & observed
the effects of them when imposed by necessity, or
involuntary poverty. Men who have been
reduced by misfortunes to be temperate & labo-
-rious have been perfectly cured. Children descended
from gouty parents, who have descended likewise
in their rank, so as to be obliged to work
constantly & to live temperately, have

† Dr Adair mentions three cases of radical cures by Regimen. The patients he says shd: begin to use low diet, during a fitt of inflamm: gout. —

extinguished the gout in their families, and have themselves died free from it. I knew an instance of a west India merch.t who failed in business in this city, & was confined by a mesenteric creditor to our Goal for near 2 years. He entered with a phlogistic gout on him, but from the change in his diet & manner of life, he soon recovered from it, & lived the greatest part of his life free from it. It returned only in consequence of such a change in his fortune as to enable him to renew his ~~con~~ friendships with the pleasures of the table. — The temperance and ~~ex~~ labor or exercise - to be effectual in eradicating the Gout should be constant - moderate - and should be continued for several years. In some cases, half a life time perhaps may be necessary. — This regimen is ~~safe only~~ practicable only in the phlogistic gout, or in the asthenic when it occurs before the middle or decline of life. — + But we must not dissent our patient

in the gout, altho' he will not submit to a radical cure. Its fits may be moderated, their return rendered less frequent, and life may be prolonged, by means of palliative medicines. These will be more or less effectual in proportion as they are joined with suitable diet & exercise. —

The ~~Application of these remedies is~~ treatment of the gout for these purposes, is divided into the phlogistic & asthenic species. We shall begin with the phlogistic.

And here a question occurs such as we have asked upon many former diseases. Is there any precursor of ~~the fits of~~ attack of the Gout? — Yes — ~~things~~ dryness in the feet — want of appetite or sickness at stomach — & expulsive appetite the day before — ~~with~~ all indicate the approach of a fitt of the gout. In this case of evident debility — the warm bath to the feet — rest — & perhaps a dose of laudanum (ij of mad: wine) would carry off the disorder, & afford a

v Perhaps the efficacy of wine in this stage
was [illegible] Dr Brown — After inflam[illegible] action
has taken place, it is certainly hurtful.

Genl St Clair says a few doses of Acacia
will a fitt before it is completely formed.

temporary respite from it. V

~~In coming this~~ The indications in the

phlogistic ~~Gout~~ Spines, are

1 To moderate excs of action in the arte-
=rial System during the fitt of the Gout, &
2 ly to prevent as much as possible the re-
frequency of its recurrence. —

To the 1st Indication belongs ~~the~~ moderate
1st Bleeding. — I am satisfied that it is both a
safe and useful remedy. Dr Liston tells us that
he used it with advantage, ~~&~~ in the inflam.
Gout, & that he always found the blood covered
with a tiny crust. For my part in a true phlogistic
Gout seated either in the limbs, or lungs, I shd
have no more hesitation in bleeding, than I shd in
an acute Rheumatism. — In favor of the
practice I have not only the authority of
Dr Liston, but of Cullen & Dr Sydenham him-
=self. The bleeding to be safe, shd be moderate
perhaps topical - in general - best. —

It is true copious bleeding terminates the fit at once, but it disposes to more frequent accessions, or to asthenic Gout, as appeared frequently in the practice of Sir James Jay in London. This boasted remedy ~~was~~ to ℥20 of blood, & a powerful sweat which was said to be an American root. —

I said formerly that debility was the predisposing cause of the phlegistic Gout as well as of inflam^y fever. How then shall be reconciled the use of a debilitating remedy such as Vs: with a previously debilitated state of the body? This at first light appears a difficult question, but it may be easily resolved by the same analogies & principles by w^h I formerly explained the proximate cause of fever. Viz confusion — go to p: 318.

In the phlegistic Gout there is excess of action, produced by the application of stimuli; or the abstraction of accustomed

Stimulus depon a System predisposed
to this or excess by debility. - But whence this
excess? why is it not proportioned to the degree
of the exciting cause?. - To answer this question
let us turn our eyes to other parts of the
Operations of Natural. —

1st a calm, or light & dying breeze at sea,
may be considered as a state of debility in
the atmosphere - It predisposes to a current
of air - But is this current proportioned
to the loss of the equilibrium in the Atm.?
- By no means - ~~The~~ It is violent, and
excessive, and ~~was tends to Cause the violent~~
~~obtain in nature~~ tends to the destruction of
the works of both Nature & art. —

2 a long continued drought may be con-
-sidered as a state of debility in the productions
of the earth. It predisposes to rain - But
always
does this rain descend in gentle Showers so
as to be absorbed by the thirsty ground? by

— The destruction of the works of nature & ~~not~~ by inundations of creeks, & rivers bear witness to the contrary. —

3 The passions are given to man on purpose to aid the slow & feeble operations of reason. — But is their action ~~are they~~ always proportioned to the causes which excite them? — If they were, the precepts of religion & morality would have been given in vain for the principal design of them is to restraining their excess or irregular action. — An acute pneumony or Rheumatism in conse=quence of a trifling injury offered to the system by the bite of coldness of a Chamber, or the heat of a dancing assembly room, are but faint images of the immense dis=proportion between a trifling affront, & that excess of a passion of revenge which seeks for gratification in murder — whether by poison — assassination or a duel. —

4 The same excess of action appears

in the passions of public bodies. — A hasty or insolent word of no ~~importance~~ mischievous influence has often produced convulsions — and even revolutions in States & communities.

But let us return again to the human body, & we shall find in it, many more analogies of the disproportion between Stimulus & action. —

5 A single ~~dib~~ Castor ~~of~~ Oil, tho' rejected from the Stomach upon its first effort in vomiting has in One instance that came within my knowledge produced a Vomiting that lasted near 24 hours. ~~The action is out of all~~ Nor is this all — an injury done by a Syncope to the Stomach has not been forgiven in twenty years. There is action & duration beyond all kind of proportion to the cause w.ch excited them.

6 A grain of Sand or dust after being washed from the eye, is often followed by such an inflam.n or susp

+ great the Variety may appear in the

Number & manner of these Operations,

uniform
one Principle governs them all. ~~It~~
It would be easy to travel over the ~~same~~
~~is one Unit & the same in all he works~~
~~appear therefore reasonably the~~ works of
Nature in the Physical the moral - Political
& natural world, & to shew instances of
~~coincidence~~ excessive ~~defect~~ of Action from an
debility, attended with destructive consequences,
but this would be foreign to our present
Subject. I assume therefore & apply the
following
Principles of ~~cause~~ of Action ~~founded in~~
debility ~~deficiency~~, as a Law of Nature; ~~to~~
as much so, as ~~that a stone thrown~~
~~in the air falling from the Attraction of~~

of action in the eye so to require repeated
bleedings - purging - & blistering to remove it.

Jno Quincy Many similar instances of
the disproportion between cause & effect
might be mentioned, not only in the animal
Oeconomy, but in every other part of the
=ment+
wonderful operations of Nature. — For how =
Could we comprehend the ~~sublime~~
& ineffable
Sublime System of the natural & moral
government of the world, I am sure we
should discover nothing in it but what
tended ultimately to Order & happiness. But
there is evil in the World. We see it - we
feel it - our bodies as well as our minds
are full of it. The operations of Nature - originally the ministers
~~were testimony that was~~ fallen
only to man are
of divine goodness, ~~is~~ now the vehicles of all
his evils. - In religion - When we worship
the Sun - ~~or~~ or a Cat - a Crocodile - or
the Devil - we follow Nature - In morals,
when we commit theft, lye - Steal -
or commit murder or adultery - we follow

~~the character, or~~ the formation of ill from the Abstraction of heat; — or the pain from a broken or dislocated bone. —

+ While I maintain the principles & language I have deli-
respecting Nature I beg that it may be remembered that from the
=vered, I am not perfectly understood
beginning it was not so. The Operations of the
natural & moral world were originally in the
Unison with Order & happiness — and revelation
informs us that the time will come when
the dominion of order shall be again restored,
over every
~~after~~ action of the body & mind. Then will
of Nature in action both,
every Operation, ~~of Nature~~ tend only to health
have for their
& Objects only health & peace, & constantly terminate
in them. Return to p: 26 N° 1 — of Lect: of 1790

Nature — and in medicine when we indulge
the craving & appetite of our patients, and
prefer abscesses, on the surface of the body & hemorrhages in the
lungs & brain, to bleeding & blistering, — we
follow Nature. In religion — in morals, &
in Physics — operation
in Nature, the destructive of Nature leads the
to error & Destruction. The idea of a Physician
doctrine of Nature
slaving only the servant of Nature, & all
the principles & practice which are founded upon
it there, I thus publickly reject as the
paganism of medicine. —

If a few instances of the salutary opera-
tions of Nature should be picked up in the
history of diseases, they can no more invali-
date the charges that I have brot against
her, that a few rational sentences in
the a Lucid interval of madness, should
protect a Lunatic from confinement, or
his estate from being sequestered for the
benefit of his family. —
+

+ great allowance must be made for the difference of state & Society in Britain & America. In Britain all diseases are more Atonic - In America we are an 100 years behind them. —

& practice
The principles which I have delivered have been
the foundation of my practice, not only in the
for 20 years,
Gout, but in other diseases — and I think I have
had no reason to alter them. I know they
are contrary to the principles of Dr Brown,
& that they lead to a method of treating the
Gout directly opposite to that which he has
recommended. — But who will venture to
use Stimuli in a phlogistic Gout when he
recollects that the man who recommends
them unfortunately perished under the use of
~~the use of~~ them in a fit of the apoplexy. — +
— But Dr Brown ~~all~~ admits the use of VS: in
Rheumatism —
~~an inflammation~~ — now an inflam~~ation~~ ~~from~~
Rheumatism
is as much a disease produced by previous
debility as the Gout. I contend therefore for
the same remedy in both diseases, but in a
much less degree in the Gout — for ~~the~~ The ~~it is~~
debility which produces it, is much greater,
& the excess of action which follows it much

+ It is very remarkable that as soon as the Symptoms of excess of Action appear ~~with~~ in the feet in the phlogistic Gout, the Sickness at Stomach, & all other Symptoms of previous debility disappear from every part of the System, just as the, ^ Capitude & chilly fitt (the Signs of debility in an inflam^y fever), disappear as soon as the excess of Action discovers itself in a high fever - or a tense pulse.

+ Gen^l St Clair was in the State with a woman who had been relieved 4 years of Gout by taking A 30 mornings. The General relieved by it for 2 years —

lep than in a Rheumatism. +

In a future Lecture, I shall endeavour to explain the Reasons of the Constitution which supply this excess of Action. It will come under consideration more properly when we treat upon some Diseases particularly the tetanus & mania, in which other a much greater excess of Action occurs than in inflam^y fever, and often much greater debility. In the mean while we shall proceed to treat mention the Other remedies for the paroxysms of Phlogistic Gout. —

2 Lenient purges - Rhubarb is generally given for this purpose ∓ - but if the stomach & bowels are affected by flatulency, the tincture recommended by Warner Thd. be preferd. —

3 Low diet - If the stomach is troubled with acidity, a little animal food may

+ The matter discharged is sometimes very acid — The relief instant from it.

Ia Dr Pye in med Obs:

be given. Beef tea is excellent for this purpose.
— If this shd not agree w^th the Stomach, the White
meats (as having least stimulus) may
be ~~gi~~ taken with safety. —

4 Is a Vomit proper in this Species of the
Gout? Dr Small in the Md. Observations
tells us that he always took one in the
beginning of a fitt of the Gout, & never failed
of finding relief from it. & why not? It
is to be defended upon the same principle
as Vomits in an inflam^d fever. In both
cases it is necessary to take down excess of
action. Dr Stuber's case of a British Lieutenant
in the Bettering house — always cured by a Vomit +
5 Is a Blister proper in the phlogistic gout.
Dr Chalmers' practise. I have used them
with success in several cases, & never
saw them do any harm. B: M Crocham
& Griffith's cases. +
6 Is Cold proper to the affected part? —

I know that the contrary practise is universal, & that patients & friends are the first things recommended in the Gout. But W^m Small tells us he never applied flannen to his feet, but exposed them to the action of the cold Air which abated his pain & shortned the fitt. Every Day's in favour of Cold Air in rheumatism or Inflam: Small pox applies ~~to the legs~~ of cold air tho' in a less degree in the phlogistic Gout. I have heard of the limbs being plunged into cold Water with Success by a Gent^n in this city. To me under this practice safe, we ought to see first there is no ~~Coexistence~~ Existence of a tonic Gout with the tonic. —

Are applications of any kind proper to the affected parts? — ~~Stimulating~~ Acid ones are very improper such as Camphor &c

9 + Is the excitement of ~~action~~ the system
by a stimulating passions or emotion pro-
=per ? - Emy " Thomas's story . Shd: be us'd
with Caution - & only when Opium is
proper.

Volatile Salt, — but gentle ones by opening the pores give great relief — I have long used a Cabbage leaf to great advantage. I was taught it by a Gentn from S. Carolina. — molasses too agreeable — ~~Opii~~ I once on cured a severe Attack of it in the Knee with a weak ~~Dilute~~ Solution of Opium in water Spirit & water.

8 Is Opium proper in the phlogistic Gout? — Yes — as soon as the evacuations before mentioned have been used — & why not? we use them under the same Circumstances to abate pain & cough in Rheumatism & pneumony. — It is more necessary in this, than in other inflam.ns as the Relaxation of debility after excess of Action is subdued, is very apt to dispose to Asthenic Gout. — +

I have but more Observation to communicate under this head, & that is

† In a particular manner, we prevent that most deplorable Symptom the Spasm by raising our patient more speedily from his back, a position of the body which dis= =poses very much to that disease. —

to advise your patient to ~~the~~ use his limbs as soon as possible by walking. It strengthens the ~~co~~ limbs, & thereby prevents a early & frequent returns of the disorder. —

By the treatment of a fitt of the Gout we has been mentioned, I am satisfi= =d the duration of it may shortned - its fo violence & pain abated - & the strength of the System preserved for many - many years. + — By the contrary practice of Abandoning him to patience - & flannel we = = out the Aid of medicine, we ~~precipitate~~ hasten our profession - weaken the System - pre= =cipitate the Asthenic Gout - & thereby in= =crease the misery, & shorten the life of our patient. —

We come now to the 2nd generalisation Dication in the Cure of Phlogistic Gout,

which was to prevent the recurrence of the fitt. —

The remedies for this purpose are

1 Temperate diet — particularly milk & vegetables. — milk is nourishing without Stimulus — & its Nourishment is composed of animal & vegetable matter. M^r Dicken^s greatly relieved by eating it for Supper. If high tonic powers prevail in the System (when or milk diluted with water. they are having less nourishm^t: shd be preferred) — The Vegetables shd not be insipid — nor too nourishing. Salads & ripe fruits are too cold — Potatoes — turnips — & green pease &c are most proper.

The Drink should if possible be Water. — This has done wonders in weakening the violence & frequency of fitts of the Gout. But if this is objected to, weak wine & water, or weak small beer may be used.

Dr Sydenham used the latter. The white wines are to be preferr'd in water. Spirit is less proper - has its Stimulus soon spent - - has no nourishment, & leads to ~~Drunk~~ intem= =perance ~~Drunkenness~~.

2 The Abstraction of all the requisite Exciting causes formerly mentioned. —

2 Moderate Exercise. This 2d. be of the Active kind. Dr Sydenham recommends riding on horseback - but this is improper in the Atonic. Walking is the best Species of Activeexercise. - But it should be moderate - & never - never to such a degree as to excite fatigue. - Remember the Golden Adage. "Omne nimium - est natura - inimicum". — A long walk attended with fatigue - has in an hundred instances brought on a fitt of the Gout. To prevent fatigue, men should walk alone - & only

+ It should be avoided with double care in the Spring & fall at which time fits of the Gout are most apt to recur. —

for a <u>limited</u> time or distance. Dean Swifts practice. If labor with the hands or body is prefer'd as many be necessary in bad weather or in winter - it should be measured. The Story of the man who carried a limited number of Stones from one part of his Garden to another every day. — [redacted] these Bullets used in Engl? in bad weather. — These two violent - They excite Sweat & fatigue. Is not a boasted remedy - Every enjoined in the use of it — It relieves for a while, but like expirc Vi. disposes to more frequent & more violent returns of it.

3 Avoiding all the remote & exciting causes, formerly mentioned. especially (a) <u>Cold</u>.

However necessary during the fitt of the Gout is improper in the intervals of it, when excess of Action occurs it for it is highly debilitating, & thus predis= =poses to fresh attacks of it. (b) <u>Night watching</u>

To "trim" the midnight "Lamp", or "to hang out the sickly taper" to use the elegant words of Dr. Akenside, is at all times improper for a gen= =ty patient. Evening entertainments, & above all the Amusement of Gaming which is of all mental employments the most fatigu= =ating & fatiguing, should be avoided. A gen= =ty patient has committed an error when= =ever he sets up later than 10, or at fur= =thest 11 O'Clock at night. (c) Leaps in the lawful use of Venereal pleasures. (d) The sudden disuse of habitual exercises of body or mind. This Advice is of the utmost importance. Military men, & great politicians are seldom afflicted with the Gout during the active season of a campaign, or of a session of a legisla= =ture. It is generally after the abstrac= =tion of the stimulus which the exercise

of the Understanding & passions upon the most interesting subjects of national glory & personal Ambition ~~that~~ imparts to the System that they sink into fits of debility & gout.

(e) Improper, or excessive evacuations by Vs: or purging. — Shd Bleeding be indicated - only purge - & Shd purging be indicated, try to remove the disease w: in other habits w: justify it, by lessning for a few days, the usual Quantity of Aliment. —

4 Are Issues proper to prevent a return of the Gout? - Yes - I have heard of ~~One~~ One case & seen another [Mrs Collins's Children seated in Stomach & Liver] ~~=~~ ~~of the~~ in w: they have been used with Success. They create an artificial weak part, & thus save the limbs from plethora produced by accidental or occasional excesses in diet. + phlogistic

5 Are Baths proper to prevent the Gout?

+ Is the excitement of a highly stimulating
passion, or emotion proper? Major Skeene's
Story. — Should be used with great caution,
& never till exc[ess]

— They have been much commended. The
~~the~~ Duke of Portland's powder is composed
of nothing else ~~but ingredients~~ all of them
are ~~indirect~~ stimuli or ~~sedatives~~ according
~~to Dr Cullen~~; of Course, the habitual use of
them is as improper as the daily use of
~~Spirituous~~ liquors. The Duke of Portland's
powder has in many instances produced
Dropsy - Asthma & Apoplexy — It is now
generally laid aside. —

6 Is the Cold Bath proper to prevent the
phlogistic Gout? In Summer it may
be useful to abate the stimulus of heat,
by lessening the sensibility of the System,
but if the medicines before mentioned
are used with care & perseverance, it will
not be necessary. —

With this we finish the Case &c

prevention of the phlogistic Gout. We proceed
now, to the ~~C~~ treatment of the Atonic
Gout. Here I must premise two Considera-
=tions. 1 I repeat again that the
Atonic Gout exists in all
ages — sometimes in ~~the~~ young, as well as
in old Subjects. Its peculiar Symptoms were
mentioned formerly. —

2 The phlogistic & Atonic Gout like ~~wise~~
= ~~frequently~~ different ~~Species~~ forms often run into
each Other. They appear sometimes in
the same fitt & frequently in the same per-
=son at different Seasons, according to the
numbers & force of the remote Causes. It
is of the utmost consequence to attend to
this remark. Simple or Specific ~~Cases~~ diseases
are to be found in Cooks, more frequently
than in Sick rooms. Herein Nosological
Arrangement yields to the perfection of
Systems of Botany. But diseases must

+ ~~Bob~~ For all cases, ~~Uterine~~ Uterine ~~Sedatives~~ Sedatives must be used to begin the cure by stimulating ap=
=plications to the feet. These should consist of
flour & of mustard - Garlic - or Spanish
flies. The first act most speedily. Now
made be where to be applied. when used: a more
=ten Stimulus is required a red hot iron,
or boiling water should be preferred. — At

be described seperately. Their combinations can be discovered & known only by a patient, & humble familiarity with sick people. —

In the management of the Species of Gout there are to in the former Species two Indications.

1 To relieve the patient ~~and~~ in the fitts of the Gout, &

2 To prevent a return, or mitigate the Violence of fitts by Strengthening the System. —

1 Indication. The Other remedies will shd be different according the parts of the body the Gout affects. The first & most common place where an Atonic Gout fixes is the Stomach producing Pain - Sickness - & Vomiting. Here Opium - Sal. Vol: - Wine - & Spirits are proper. The dose shd be limited only by the relief given. Viij of Wine - 3ss of Spirits & even 200 Drops of Lh: have frequently been found ~~given~~ admin? They should be alternated. necessary to give ease. If a Sickness only attends,

+ When – in the Eyeball – a Seton. and:
Hastrog's case – cured by it, after being
afflicted 11 years with it.
When – Vertigo – Loose Shoes – Judge Ingersol's
case. –

Camomile ~~tea~~ or Columbo root tea
may be administred with advantage. If
a Vomiting ~~shd~~ with Sickness, and the
Other medicines fail — Porter. ~~Do~~ Mrs Mc
Mr: Mesbits case — at the same time
plasters of Mustard shd be applied to
the stomach. — ~~Do while~~ ~~=ting to vomit~~

When it appears in the bowels producing
Colic or Diarrhoea — the same remedies are
proper, joined with Others to be mentioned
hereafter in the treatment of those diseases.
— When — in the Brain — producing delirium
head ache
Vertigo —
Coma — or a disposition to palsy or apoplexy,
— the remedies shd be, ~~Blistes~~ Blisters — purges —
clysters — If any excess of action appears —
~~Do~~ V.S. — & according to Dr Bothergill — a Vomit.
— When — in the Lungs — producing Pneumonia

Nothia - or Asthma - the remedies should be VS: - if excess of action takes place - If not, Blisters - Volatiles - & Opiates -.

When in the ~~Kidneys~~ throat - the same. -

When - in the Kidneys, or bladder - gentle Laxative - ~~same~~ Clysters - Opiates. -

When in - mania - melancholly - or Dropsy, the remedies for those diseases.

The diet in every Case of Atonic Gout should be generous. -

2 Indication - is to prevent a return, or to mitigate the Violence of fits by Strengthening the System. This must be done.

1 By generous or stimulating diat. Beef - Mutton - Venison - wild fowl ~~roasted~~ boiled or roasted according to the degree of debility. Even salt meat not hurtful - ending to Dr Warners - Meals shd be divided - to prevent indirect debility being induced by excess of Stimulus. - The drinks

+ In the Island of Madeira, 30,000 pipes
of wine are made annually & 20,000 drunk
on the Island, & yet the Gout is but little
known there. Pure madeira wine drinkers,
seldom afflicted with the Gout. To every
pipe of madeira are added 5 gallons of
Brandy. — Perhaps this is because it
is drunk in a warm Climate. The Gout
like inflam: fevers most common
in variable climates. The same of
Coffee - ~~very~~ seldom produces diseases when
drunk where it is cultivated.

should be Sherry - madeira + - or old rum old
Tenerife - or Port wines. If the Stomach rejects
them Brandy & water shd be indulged till
the Stomach can be braced by tonic Medi-
=cines. These must be
~~especially first of from in large doses~~

2 ~~By tonics~~ The Chalybeates - bitters - as Cp.
commended by Dr Cullen - less safe than
latest
Others - Cast - there shd be any inflam: Dy
Diathesis mixed with it. Garlic to be pref: to
them all.
3 Moderate exercise - this shd be Gestation
especially on horseback. This, as well as
riding in a Carriage, sometimes forbidden
by gravel or stone. - Dr Franklin Speech in
with fumigation -
Paris. - Friction - & Jactation, or Swinging to be
used as substitutes for them. Great remedies in Rome.
4 Avoiding all ~~the debilit~~ debilitating
causes, especially cold & moisture.
~~Tobacco~~ Warm Climate often restores
the System & prolongs life. The practice
in Rome & Portugal. - where this

the body should be kept warm by
cannot be Obtained - Stove = rooms -
& flannel, - & the feet by Cork Soles - or
by
painted canvas, & the outside of the shoes
or boots being cagured by the following
liniment. ℞ Linseed Oil ℔i mutton Suet ℥8
Bees Wax ℥6. Rosin ℥ii. mixt to be applied
warm or melted. Used first by a Fisher=
=man in the reign of Queen Eliz.th —

5 By abandoning indulging in such Amuse=
=ments & passions as greatly stimulate
without debilitating the mind. Sir Wm. Temple
who was much afflicted with the gout —
preferred the Society & conversation of Child.n
as his principal Amusement in the
decline of life: & an Italian Writer
who had in the East English was in
lived Under Prince Ferdinand found him
Germany
so some years after the peace, playing
nine pins with his Brothers Children.
6 Is the warm Bath proper? an universal

remedy for Gout in Rome. Long wood with
Incups by Dr Franklin. —

I have only to add 1st that in all
acute diseases in Gouty patients - you
shd have your eye on this constitutional
disease, & prescribe accordingly. Eg: where
there is predisposition to Gout, dont use a sudden
change in diet, or too copious evacuations.
Mr Wesbots' case from W. in the fall. Instr:
: thes, by keeping your eye on the Gout in acute diseases, you
will be better able to explain new, & ~~unanalous~~ symptoms. — ~~In all~~
~~Chronic Diseases suspect the Gout appr. if patients or predisposing causes have~~
~~existed or hereditary disthesis have existed~~
2nd As in Children's Diseases we are directed always to
have our eyes on worms, & in women's
Diseases, on the State of the menstrual dis:
: charge, so in all Chronic diseases, we should

† Sometimes it is mistaken for Ven.l pains from its attending, or following Ven.l Sores. I believe it is often simply rheumatic, and produced by the disposi-tion to receive it which is produced by taking ℥ & being exposed afterwards to heats & colds. —

with more reason, suspect the presence of the Gout, especially if remote or exciting causes of it or hereditary diathesis have existed in the constitution. —

Rheumatalgia

I have call'd this disease in, in this place from its relation to Gout. I define it "Obstinate pains in the muscular fibres, or the joints, without fever". —

It is distinguished from the Gout

1 By affecting chiefly labouring people, Soldiers are much afflicted with it ~~As also old people. Pains in the bones part of the disease~~ 2 By seldom, or never affecting the stomach, or internal parts of the body.

— It is distinguished from Scurvy, & Ven.l disease, by the fœtid breath &c. in the former disease, & the pustules &c. in the latter. ∓ —

+ But this defect of action in some habits, is connected with too much tone in the vessels, & ~~hence a vicinity a cause~~

+ degrees of inflam^y tone, & debility which occur in this disorder. —

It often follows acute Rhumatism,
but I have frequently seen it without it. It
is generally a disease of humble life, but
I have seen in persons of rank ~~whose~~ especially
if they have exercised their limbs much
in walking. Surveyors are very subject to
it. It seems to hold a middle place between
Gout & Rhumatism. It is to Rhumatism
viz: the Atonic, is to inflam: Gout. Its predispo-
-sing cause is debility - from debilitating ca-
-uses. - Its proximate is defect of
Action. It is an Obstinate as well as
painful disorder, & has brot much discredit on
our profession. - But "nil desperandum" Shd.
be the motto of every physician. I shall therefore
mention the usual Remedies, especially
those I have found most successful. Perhaps
one cause of often being unsuccessful in the treatment of
this disease is seated chiefly in the san-
-guiferous system. The indication of course

+ There is a peculiarity in the Diet, & Drinks of patients which deserves to be attended to. in this disease - Cyder & even a ripe apple encreases it. as in Mrs Hubley - & Mrs Archer & Jon[a] Mifflin's cases - It shows 1 the intimate connection between the stomach & System of the body. 2 That the disease like the Gout is a disease of the whole system - & 3[d] that there are evidently two states in - tonic and Atonic - The first from the remains or miss- -time of Inflam[n]: diathesis - Where this is the case the diet shd: be milk & veget: or only white meats. It is to be disputed in young & robust subjects, & recent cases - When wholly Atonic - the diet should be generous. It

is to excite the Action of these Vessels. The remedies for this purpose are internal & external. The internal are

1 Nitre - this is proper only when there is a relict of inflam^y diathesis in the Disease. I think I have seen it used to W: Advantage.

2 Vol: tincture of gum Guajac. Dr Dunsan's remark - Shd be taken in large doses.

3 gently Stimulating Drinks, especially Sassafras tea.

5 Mercury - a Salivation - best raised by Ointment. 6 suitable + diet. Mr McClay's dose.

4 Cort penun: and tincture of Pokeberries.

The External remedies are.

1 Cold Bath - ~~proper [illegible] when some Action is left in the System~~. As this is the first time I have mentioned the Cold bath, & as I shall have

was brot on by sudden Abstinence from
Wine in M^rs M^c Clary at 50 years of age. We
often hear of a sudden alteration in diet from
full - to low - & low to full - causing this &
many other diseases - Whenever this is the
case, the presumption is that the State of the
System has required them, ~~but~~ In the latter
case - the ~~for~~ low diet may have been necessary
2
to take Down y remains of infl^n diathesis, so
have
as to make the full diet salutary & successful.

occasion to mention it frequently hereafter, I shall pause & endeavour to explain its Operation. —

Cold is a sedative, & of course a debilita-
-ting remedy, — Why then use it in a dis-
-ease produced by defect of action? To this I answer that 1st that direct debility generally excreases the excitability of the system. The body when plunged in cold water suffers a temporary debility. The temperature of its external surface is redu-
-ced to nearly the temperature of the water. — Hence, when it comes out of the water it is exposed to the action of the external air, which the temperature of is so much above that of the body that it acts as a powerful stimulus upon it — the more so in consequence of its excitability induced by the debilitating effects of the cold water. To form a just conception of the stimulus of the heat

+ You see here that the cold bath acts in the same way in producing temporary Action, that cold air acts in disposing to inflam^{n} fever. Heat must succeed in both cases to set the Arterial System in motion. The further, we extend the simple principles, we began with, the more they explain the phenomena of disease. / — Boys who go into swim in cool weather soon feel the difference between the air & water — hence they are warmest when under water.

of the air in this case, let me ask W.
would the feelings of a body at 96° be in
a heat of 116°? would not the pulse be
quickened, & the circulation of the blood be greatly in-
: vigorated? now for a body that comes out
of ~~a~~ cold water the temperature of W. is
at 52° (for Y. is the ~~common~~ medium heat of pump
water) and suddenly breathes an air
at 72° is exposed nearly to the same degrees of
relative heat as the body which breathes an air
of 116°. — I say nearly, for the surface
of the body when it comes out of the water
contracts some heat from the blood as soon
as the air begins to act upon it. But fur-
=ther — the pressure of the water, or its impulse
if in a shower bath, & lastly the panic
infused into the mind, all concur to render
the cold bath a
~~the Action~~ highly stimulating remedy.

you see how there greater debility induced
to favor the action of stimulus, - & in con=
=sequence of stimulus, temporary excess of action ch
when frequently repeated, terminates in
health. ✱ The Cold Bath sometimes does
harm — this happens 1 When the Vessels
are ~~so~~ ~~torpid~~ ~~at first~~ so much excited that a too
great excess of action, or of too long duration
is produced. This appears in head ache, or in
pains in the breast which sometimes suc=
=ced it. I once knew it produce hæmoptysis
from the mode of operating I have mentioned.
Or 2dly When the Vessels are so torpid, that
no action is excited by any of the stimu=
=lating causes that have been mentioned.
- This appears in languor - chillings &c
ch
w: sometimes succeed the use of the Cold
Bath. It may be obviated by the previous
use of the warm bath, or by frictions,
or by using the water of a more moderate
temperature. —

A 2d external remedy is the Warm Bath. This is proper only in cases of great torpor or defect of excitability.

3d Frictions. 4 Flannel next to the skin: — It should cover the whole body. Women shd wear Drawers. — Flannel blankets to be preferr'd to Sheets. In Summer Cotton may be used & — Muslin Sheets at all times instead of blankets. —

5 Electricity — Should be applied in moderate shocks, Otherwise it produces indirect debility. —

6 External Stimuli — Dr Baldinger's Liniment made of ℔ ℥ 07 ℥i axung: porcin ℥i ung: alb: vol: sap: Linit: with Camph: Opium & ol: Succin: applied to the limbs. I have done good w: the last. Liniment of Camth: mixed w: Ether — and flour of mustard with water.

7 Warm Climate. This has often eradica-
=ted it. - But - only proper where no mis-
=ture of inflamm: diathesis. —

8 What kind of exercise is proper? Riding
from being partial - is bountiful. The lower
extremities not exercised at all. Walking
to be useful shd be moderate. Fatigue here
is - extremely injurious. The Swimmer
in medicine, does as much harm, I be-
=lieve as in eating or Drinking. —

9 Are Blisters - or issues proper? - Only
when they
~~when~~ excite inflamm: & Action. Caustics
for this reason are to be preferred. The
potential Cautery used with Advantage.

The Rheumatalgia affects the
Loins - the w Lumbago - the hips the w Sciatica,
the muscles of the head the w head Ache, &
the jaw the w tooth Ache. —

+ Dr Bottengill speaks in high terms of it in the Case of Sciatica. –

V It likewise alternates with the Rheumatismus & Rheumiticula. The great Secret then of treating each of them is to attend to the condition of the System as in fevers & consumption, and to vary the medicine every ~~week~~ week – ~~day~~ every day – may every hour – if a change in the pulse should indicate it – for ~~being~~ as it is a disease wholly of the sanguiferous System – the pulse seldom or never deceives us in it. All the difficulties – delays and mistakes in the treatment of this disease have arisen from not comprehending 3 instead of

The same remedies w.h are proper in genal Rheumitalgia proper here. Cotton - or Wool in lumps have cured the Lumbago, & Sciatica, when applid to them. The Rheu=
= umitalgia in the head - a painful disease.
~~and Hot~~ After all the above remedies have failed, I have known it cured by a sweat of the Vapor of Vinegar applid to it under a Blanket. — The Rheumitalgia of the alternates w.h Pleurisy Cough & Pneumonia only not of the Consumption. — V
The Tooth Ache - ~~is~~ cured by
by evulsion, but if Objections arise to it —
Opium in the tooth - or Opium w.h Ginger
Pepper - & any Adhesive Substance apd to
the face. But there is a species of
Rheumitalgia in the jaw, w.h is not occa=
=sioned by decayed, or inflamed teeth. It
is accurately described by Dr Boltonguill. I
have seen 3 cases of it - in one of w.h it
proved fatal - & perhaps in a 2nd by a

two species, & from not watching their
grades & transitions ~~etc~~ into each other.
- From what I have observed ~~of~~ the
bad effects of first naming diseases, and
then prescribing for those names, I have
sometimes been disposed ~~tempted~~ to wish that
~~the names of~~ diseases had no names. I
think much mischief would thereby be
prevented. —

translation of the disease to the brain, for he died apoplectic. — ~~Dr~~ Dr Fothergill supposes it to be a cancerous humor, from the same pains in different parts of the body occurring, which precede cancers. He cured it by Hemlock. He saw only 14 cases of it in the course of his life. ~~In his~~ In his pa-
: tients were chiefly women, & in the decline of life. It differs in many symptoms from Rheumatism. See his works. —

Carbunculus

" Deep - Obtuse - ~~dis~~ constant pains often after a contusion, in the joints & muscles - ~~muscular parts~~ - a ~~con~~ diffused tumor - no inflam^n - hectic fever - & the swellings terminating in Abscess".

— I have seen four or five cases of this disorder. It is often fatal. ~~He~~ cludes Bark & ℥ — Have twice cured it with Thorow-
= wort — or perfoliatum - called in Maryland Cowtongue — probably from the roughness of its leaf.

by the excess & defect of stimuli. — The defect of Stimulus, produces excess, & excess of Stimulus produces defect of Action. Here I am met with a difficulty. In what manner does defect of Stimulus produce excess of Action? — Dr Cullen supposes the debility induced by the Absence of an usual Stimulus rouses the vires naturæ medr. to defend themselves from injury, & hence the increase of Action, or as he calls reaction of the System. I cannot admit this explanation. I would rather suppose one of two things takes place. either that the Abstraction or Absence of an usual Stimulus produces such a degree of uneasiness in the System as to act as a Stimulus upon it, & thus to excite it into Action.

I think several phænomena favour this Supposition. Darkness suddenly induced is an Abstraction of a Stimulus, & yet who has

not felt it as a most unpleasant
situation. I suspect there is always a quick-
-ness of the pulse induced by this sudden change
in the system. 2dly The debility induced by
the Abstraction of a usual Stimulus may
be such as to make the system liable
to be acted upon with greater force by
other stimuli. Eg:- If with a habit
predisposed to the Gout, I take a strong purge
- or lose ℥20 of blood - or suddenly reduce my
body by a sudden fitt of abstemiousness, - I quickly
increase its excitability in such a manner
that the slightest Stimulus such as
warm water - a
a tight shoe - or garter - an indigestible
piece of biscuit - or cheese - or even
act of my will in a
a single thought, or passion are
all sufficient to produce a fitt of the
Gout. The last explanation accords best
with the simplicity of our system, & the
Analogies mentioned upon former occasions,

~~xxx~~ most of the nervous diseases mentioned by Dr Cullen - in our country from test laws - tender laws & paper money. If these should be for ever banished from among us by our new political institutions, I think I could offer several facts to prove that ~~not~~ a free Government will be ~~no~~ friendly to general health, ~~Nervous Diseases~~, and that fevers will be the natural passports from this world to the next, - to all true republicans. - + —

But there is another cause that will always determine ~~the~~ the greater or less prevalence of nervous Diseases in our Country, - & that is, the greater or less influence of the Christian religion upon the minds of our citizens. The excess or defect of Action in the passions is the principal cause of these Diseases. How these can be perfectly & justly

regulated only by the precepts of christia=
Peace of mind —
=nity. — ~~Peace~~ - hope - & occasional joy, ~~with~~
~~the quietly invigorating effects of constant~~
~~of charity & benevolence, are~~ are its constant fruits,
~~in the~~ and these ~~are~~ exercise the most friendly
influence upon the appetite - the digestion - the
circulation of the blood, & all the functions. —
— Hence arises a new argument in favor of
the truth of our religion. It is not only more
favourable to public & private happiness, but
to health & long life than any other religion
that has ever existed in the world. I speak
only of Christianity as revealed in the new
testament, and in the hearts of men. There
are tenets held by some Sects of ~~christians~~ which are
~~of imposed upon the mind for~~ so far from
having a friendly influence upon health,
that they are more calculated to produce melan=
-cholly - & madness - those worst of nervous
diseases. ——

I have already treated of those nervous diseases which affect the blood vessels principally — as Fever - apoplexy - palsy - Hydrophobia returns. Epilepsia - and all the other diseases of the mind. I shall now treat of those which come into the body principally through the medium of the nervous system & affect it chiefly. In the nervous system I include the muscles.

go to N° 9: to 38 Catalepsy. Brain.

× When I speak of ~~the effects of~~ morbid Action, ~~or a~~
~~defect of it~~ appearing in the Arterial, or
~~Arterious~~ nerv: Systems, I hope you Do not sup:
: pose that I mean that they ~~can~~ always exist sepate:
: ly. the nerves & blood vessels are so intimately
connected, that one system of them cannot be disor:
: ordered without in most cases affecting the
other. ~~By far the diseases of the~~ most of the diseases flow before us
affect the nerves primarily - & afterwards
bring the ~~arterial~~ blood vessels into action,
as ~~they~~ we left affected the arterial system pri:
~~- I shall consider those first & then the~~
: marily.
~~diseases which~~ But there are some diseases
as I said before vascular
of the nerves which do not move the ~~arterial~~
system, or so gently, that ~~it has not a~~ the motions
excited in it are not worth are notice. ✝ I shall
begin with the first - & gradually proceed to
those diseases which are simply nervous, and here
I shall follow Dr Cullen in reducing the Dis:
: eases of this Class to Orders - Genera & Species.

To designate half the diseases of the human body, by the names of Nervous, ~~to divide them into Sthenic & Asthenic~~ is in my opinion ~~much less~~ more improper than to divide them into Sthenic & Asthenic, & to prescribe accordingly. ~~for the Nervous diseases are both Sthenic & Asthenic, and~~ It is as absurd in Nosology, or theory, as it is to purge the mouth ward - to bleed the mouth ward, whether or to blister - the cells of a hospital. If a physician ~~patients~~ means to suspend or lull idle curiosity asleep in his patients or whether by calling their Diseases Nervous - ~~he is to~~: he means to cover his reputation in all cases, by never risking his fallibility, in both instances to descend from the dignity & simplicity of Science.

1790 Jan.y

In considering the Neuroses, I have promised to proceed in the following order — first those wh. affect both Arterial & Nerv: System — 2.dly those which are accomp.d with excess & defect of Action — 3.dly those wh. have only defect & laxity those in which an Absence of Action seems but resembling death. I need not mention that the last will include — only Syncope & Asphixia. —

In pursuing this Disorder, I must de- part from Dr Cullen's Arrangement of Ords of Neuroses. — My order shall be Comata — Spasmi — Vesaniæ & Adynamiæ.

Comata

Neuroses

" Impaired Sense & Motion without Dispa- =tive fever, or local disease"

Comata

1. A Diminution of voluntary motion, with
2. ~~Sleep~~ Sleep; or a loss of Sense, or Motion"
The degrees - are Coma - Lethargy - Carus - Apo Paraplexy -
& Apoplexy.

" A ~~Cessation~~ Suspension of all the Voluntary
Motions, with Sleep, the motion of y^e heart &
Arteries still remaining". Sometimes proving -
Dioting from natural Sleep by coming not on suddenly
& no sufficient or weakening preceding it. for I do not intend explaining the cause of
this disease, Seminal of the principles I shall
on the Subject of Consumption / It is a dis=
=ease of the whole system. & 2^ly Its predispo=
=sing cause is general debility. I infer this
from the habits it attacks - viz: such as
have been debilitated by Luxury, & old people.
- This predisposition is ~~much~~ encreased by
a large head & short neck, & corpulency just as the predisposition
to consump.^n is encreased by a narrow chest.

+ matter - purulent & mucous - & putrid -
the & cranium - blood effused in
water in Ventricles - Cerebrum - Cerebellum -
Hydatids affecting the
" Plexus Choroides & ~~Bronchydatids~~ + water in Theca
vertebrarum - pineal gland enlarged from
an effusion of blood. -

The proximate cause of it is excess or defect
of Action in the vessels of the brain". the last
produced at first by indirect debility. —
This definition will exclude many of
Dr Cullen's Species. — But they shall all be included
in other genera. Eg: the Verminata - Suffocativa,
where pulse is wanting & breathing
& Mentalis all belong to Syncope or Asphixia.
for I hope to prove that they depend upon a pri:
Other parts of the system - perhaps
= mary affection of the brain, & y that they
lungs & heart -
affect the brain only in a secondary manner.

- I exclude likewise the Hydrocephalica. It
belongs to Dropsies under the order of Aqueosa
and Tumefactiva - already disposed under Phlegmatica.

The Excess or defect of Action in the brain is
generally
produced by congestion or effusion of blood, or water in
the brain. This congestion is from interruption
from Zb to Zbij as in melphigi from Baglivi -
or extravasation. The last a rupture is probably
always fatal - called by Hoffman hæmorrhagia cerebri -
It always of a Vein - for it is from
Vim: plethoræ. But is prod: also by Hydatids - & other tumors.
The remote of it are intemperance in
eating & or drinking or both, indolence - long &